AMENDMENTS TO THE CLAIMS

This listing of claims replaces any prior version of the claims in the application.

5 Claims 1-32 (cancelled).

Claims 33-39 (withdrawn).

Claims 40-55 (cancelled).

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Claim 56. (new): A method to treat an androgen responsive disease in a subject, or to ameliorate one or more symptoms, comprising administering to the subject, or delivering to the subject's tissues an effective amount of a formulation comprising one or more excipients and a compound having the structure

$$R^{25}$$
 R^{18}
 R^{19}
 R^{16}
 R^{17}
 R^{16}
 R^{17}
 R^{14}
 R^{18}
 R^{17}
 R^{14}

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wherein,

R⁵ and R⁶ independently are -H, -OR^{PR}, -SR^{PR}, -N(R^{PR})₂, an ester, -NH-C(O)-C1-50 organic moiety, an amino acid, a peptide, an ether, a thioether, a carbonate, a carbamate, an optionally substituted alkyl group, an optionally substituted alkynyl group, a monosaccharide, an oligosaccharide or a polymer, provided that at least one of R⁵ and R⁶ is a carbonate;

 R^7 , R^8 , R^{12} , R^{13} , R^{14} , R^{15} , R^{16} and R^{17} together or each independently are - H, $-OR^{PR}$, $-SR^{PR}$, $-N(R^{PR})_2$, $-OSO_3H$, $-OPO_3H$, =O, =S, $=CH_2$, =NOH, an ester, an

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amide, an amino acid, a peptide, an ether, a thioether, an acyl group, a carbonate, a carbamate, a slufonamide, a halogen, an optionally substituted alkyl group, an optionally substituted alkenyl group or an optionally substituted alkynyl group; and

R¹⁸ and R¹⁹ together or each independently are -H, -OR^{PR}, -SR^{PR}, -N(R^{PR})₂, =O, =S, =CH₂, =NOH, an ester, -NH-C(O)-C1-50 organic moiety, an amino acid, a peptide, an ether, a thioether, a carbonate, a carbamate, an optionally substituted alkyl group, an optionally substituted alkynyl group, a monosaccharide, an oligosaccharide or a polymer, provided R¹⁸ or R¹⁹ is -OR^{PR}, -SR^{PR}, -N(R^{PR})₂, =O, =S, =NOH, an ester, -NH-C(O)-C1-50 organic moiety, an amino acid, a peptide, an ether, a thioether, a carbonate, a carbamate, a monosaccharide, an oligosaccharide or a polymer; and

R²⁴ and R²⁵ independently are -H, ester, ether or optionally substituted alkyl.

Claim 57. (new): The method of claim 56, wherein the androgen responsive disease is selected from the group consisting of prostate cancer, benign prostatic hyperplasia, breast cancer, alopecia, acne, hypogonadism and hirsutism.

Claim 58. (new): The method of claim 57 wherein the compound has the structure

$$R^{25}$$
 R^{24}
 R^{18}
 R^{19}
 R^{16}
 R^{17}
 R^{16}
 R^{17}
 R^{14}
 R^{18}
 R^{19}

Claim 59. (new): The method of claim 58 wherein

- (a) R^{18} is -OH, -O-C(O)-CH₃, -O-C(O)-CH₂CH₃, and R^{19} is -H, -C=CH or -C=CCH₃, or R^{18} and R^{19} together are =O, =S or =NOH, or
- 5 (b) R^{18} is -H, -C=CH or -C=CCH₃ and R^{19} is -OH, -O-C(O)-CH₃, -O-C(O)-CH₂CH₃.

Claim 60. (new): The method of claim 59 wherein R⁷ and R⁸ independently or together are -H, -OH, -SH, -NH₂, =CH₂, =CHCH₃, =NOH, =NOC(O)CH₃, =O or =S.

Claim 61. (new): The method of claim 60 wherein R^{12} and R^{13} independently or together are -H, -OH, -SH, -NH₂, =CH₂, =CHCH₃, =NOH, =NOC(O)CH₃, =O or =S.

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- Claim 62. (new): The method of claim 61 wherein R^{14} and R^{15} independently or together are -H, -OH, -SH, =O or =S and R^{12} is -H and R^{13} is -H, -OH or -SH.
- Claim 63. (new): The method of claim 62 wherein R¹⁶ and R¹⁷ independently or together are -H, -OH, -SH, =O, =S, -O-C(O)-CH₃ or -O-C(O)-OCH₃.
- Claim 64. (new): The method of claim 63 wherein R⁵ and R⁶ independently or together are -H, -OH, -SH, =O, =S, -O-C(O)-CH₃ or -O-C(O)-OCH₃.
 - Claim 65. (new): The method of claim 64 wherein R^{24} is -CH₃, -CH₂OH, -CH₂OC(O)CH₃, -OC(O)CH₃ or -CH₂OC(O)OCH₃ and R^{25} is -H, -CH₃, -CH₂OH, -CH₂OC(O)CH₃, -OC(O)CH₃ or -CH₂OC(O)OCH₃.

Claim 66. (new): The method of claim 65 wherein R^7 , R^8 , R^{14} , R^{15} and R^{17} are -H, R^{16} is -H or -OH.

Claim 67. (new): The method of claim 66 wherein R²⁴ and R²⁵ are -CH₃.

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Claim 68. (new): The method of claim 67 wherein a double bond is present at the 1-2 and 5-6 positions and R^{24} and R^{25} are both -CH₃.

Claim 69. (new): The method of claim 67 wherein a double bond is present at the 5-6 position and R²⁴ and R²⁵ are both -CH₃.